

In the Specification:

Please amend the paragraph beginning at page 3, line 1 as follows:

~~--This object is achieved according to the invention by a method which has the features of claim 1, it being possible for a mold for producing optical elements as claimed in claim 14 to be used, for producing transparent optical elements, the surface of which has reduced interfacial reflection, at least in certain regions, in which~~

the respective surface of a reference element which consists of a polymeric material and corresponds to the respective optical element is exposed to the influence of high-energy ions in a vacuum and

in this way an irregular nanostructure with alternately arranged elevations and depressions lying in between is formed on the respective surface;

subsequently, the respective surface is coated with an electrically conducting thin film,

following that a mold with a negative contour which is superposed by the nanostructure is obtained by electrochemical forming and

with such a mold, a nanostructure reducing the interfacial reflection is formed on at least one surface of a transparent optical element by a molding process.

Additionally, the invention includes a mold for producing optical elements characterized in that an irregular nanostructure with alternately arranged elevations and depressions lying in between is formed on a surface, and the depressions in each case have different depths within an interval between 30 nm and 210 nm.--

Please amend the paragraph beginning at page 3, line 6 as follows:

~~--Advantageous embodiments and developments of the invention can be achieved by the features designated in the subordinate claims.--~~

Please amend the paragraph beginning at page 5, line 27 as follows:

--In addition, there is the possibility of forming the optically effective nanostructure on a surface coating of an optical element. Such a particularly advantageous "scratch-resistant" coating may be applied for example by the sol-gel process, as an organic-inorganic hybrid polymer, as available for example under the trade name ORMOCER® "~~Ormocer~~", and cured after or during formation of the reflection-reducing nanostructure. Here it is preferred for the inorganic component in the hybrid polymer to be a glass component (for example silicon dioxide or a silane).--

Please amend the paragraph beginning at page 6, line 33 as follows:

--It has surprisingly been found that such a nanostructure, formed on a surface of reference elements, can be transferred by the second and third method steps, ~~according to patent claim 1,~~ onto the surface of a mold, producing only slight deviations, if at all, from the positive contour on the surface of the reference element that is used.--

Please amend the paragraph beginning at page 7, line 7 as follows:

--Such a reference element made of a polymeric plastics material, preferably polymethylmethacrylate (PMMA), diethylene glycol bis (allylcarbonate) (~~CR39~~) (CR39TM) or methylmethacrylate-containing polymers, is placed in a vacuum chamber and exposed there to the influence of a plasma. With this plasma, high-energy ions are generated and the desired surface of the reference element is bombarded with the ions. Used with preference is a DC argon plasma, to which oxygen is added with particular preference.--